

# **CHAPTER 5 – AIRPORT LAYOUT PLAN**

## **LAKE HAVASU CITY MUNICIPAL AIRPORT LIMITED MASTER PLAN UPDATE**

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## LAKE HAVASU CITY MUNICIPAL AIRPORT - LIMITED MASTER PLAN UPDATE

**5.1 OVERVIEW**

The Airport Layout Plan (ALP) drawing is a development plan graphically depicting existing and ultimate aeronautical requirements and airport facilities. It serves as the blueprint for airport development. The ALP should be kept current, reflecting changes that may affect the navigable airspace or the ability of the airport to expand.

The objective of the Limited Master Plan Update is to revise the previous ALP drawing by updating changes to existing facilities, identifying programmed development projects, and incorporating recommended development. The revisions are identified upon completion of the limited master planning process that includes inventory and facility requirements analysis. The process is completed upon LHC Municipal Airport Board's recommendation of the preferred development alternative. Once the changes have been identified and recommendations made, the revised ALP drawing will be submitted to the FAA for approval.

**5.2 AIRPORT FACILITIES UPDATE**

During the inventory element of the Limited Master Plan Update, development that has taken place at the airport since the 1994 Airport Master Plan were identified (Table 5-1). These elements are depicted on the ALP as existing facilities.

**Table 5-1**  
**Airport Development since the 1994 Airport Master Plan**

<b>Year</b>	<b>Project Description</b>
1994	New runway distance markers.
1995	New tie-down apron and connecting taxiway, north end of Taxiway A. (49 spaces, approx. 17,417 SY).
1995	New tie-down apron (25 spaces, approximately 4,870 SY ).
1996	New taxilane, south of hangar area (approx. 47,417 SF).
1996	New taxilane, west of hangar area (approx. 35,550 SF).
1996	New emergency generator.
1996	New City-owned hangars (20).
1997	New Taxiway B signage.
1997	Apron pavement preservation.
1998	New automated gates (2).
1998	New restrooms.
1998	Second auxiliary wind sock

Source: Airport Manager, September 1998

### 5.3 PROGRAMMED DEVELOPMENT PROJECTS

Table 5-2 identifies programmed development projects listed with LHC Municipal Airport to begin in 1999. The projects have been designed or are currently under design. Project designs that are completed and available when the ALP drawing is prepared for submittal to the FAA are included into the drawing.

**Table 5-2**  
**Programmed Development Projects**

Project No.	Project Name
LHC A-106-97	New 2500' Runway and Taxiway Extension
LHC A-106-97	Existing Runway and Taxiway Overlay
LHC A-106-97	Structural Upgrade Terminal Ramp
LHC A-106-97	South Taxiway, Ramp and Terminal
LHC A-106-97	Existing Retention Basin Expansion
LHC A-106-97	New Retention Basin
LHC A-108-97	Northwest Access Road Extension

### 5.4 RECOMMENDED DEVELOPMENT

Development alternatives, having been presented to Lake Havasu City staff and the Airport Board taking part in the limited master plan process, have been reviewed, evaluated, and selected. The selected alternatives are incorporated into the ALP drawing.

The Limited Master Plan Update approach to identifying landside development was to outline land use areas for accommodating elements of aviation activity. The approach is based on landside development being primarily tenant-driven. It allows for flexibility in specific development needs based on the nature of the tenant and individual user requirements. Thus, the ALP drawing incorporates this approach and outlines land use areas per the selected alternative.

